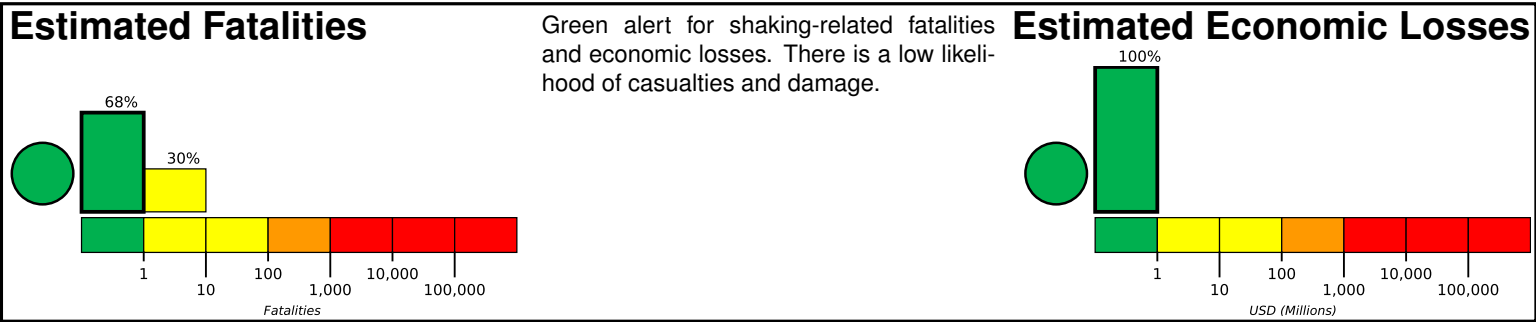


**M 5.5, Tanzania**

Origin Time: 2023-08-08 15:31:18 UTC (Tue 18:31:18 local)  
Location: 5.4436° S 34.9505° E Depth: 7.0 km

Created: 1 week, 6 days after earthquake

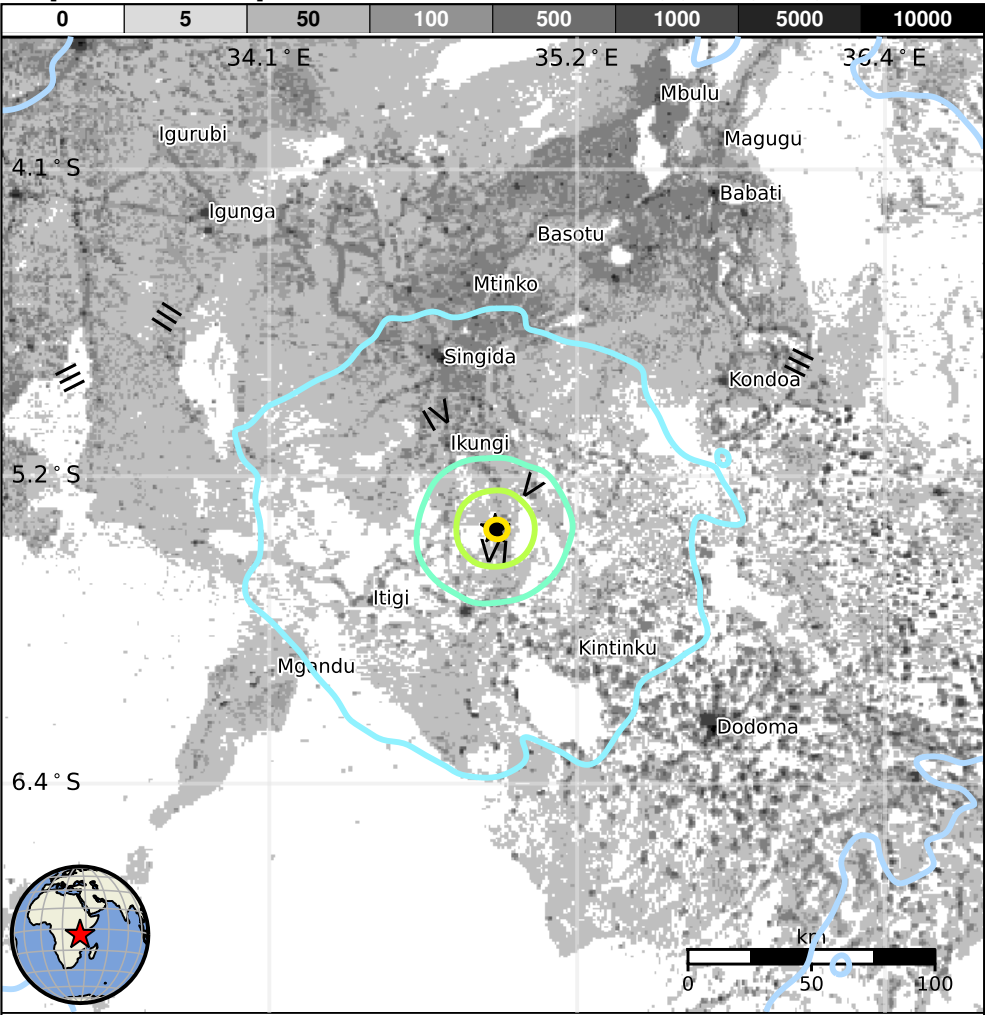


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	7,182k	1,320k	58k	10k	5k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures**

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall with wood and adobe block construction.

**Historical Earthquakes**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-05-15	284	5.5	VI(8k)	—
2007-07-17	333	5.9	IX(7k)	—
2002-05-18	311	5.5	VII(41k)	2

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	<b>Ikungi</b>	20k
IV	Kilimatinde	6k
IV	<b>Kintinku</b>	8k
IV	<b>Itigi</b>	20k
IV	Mungaa	17k
IV	Puma	17k
IV	<b>Singida</b>	62k
III	<b>Dodoma</b>	181k
III	<b>Igunga</b>	36k
III	<b>Babati</b>	34k
III	<b>Shinyanga</b>	107k